

What is claimed is:

1. A premixed combustion gas burner having separated fire hole units comprising:
a tube-shaped burner having an opened front face and a hollow tubular shaped inner
portion wherein the whole fire hole units of the burner can be separated to prevent
deformation due to thermal expansion, the fire hole units, each having a number of fire holes
5 formed at a predetermined distance from one another, disposed in both edge lines and an inner
portion on an upper end face, and loaders, each having a predetermined space, formed
between the fire hole units; and

10 a plate-shaped burner made of a plate-shaped material having a pin structure formed
on a bottom thereof so as to be mounted on the loaders formed in the tube-shaped burner, the
fire hole units, having a number of fire holes formed at a predetermined distance, are disposed
in the form of a slit along both the edge lines of the upper end face.

15 2. The premixed combustion gas burner of claim 1, wherein the number of fire
holes forming the fire hole units of the tube-shaped burner and the plate-shaped burner are
formed with a uniform size by a press.

20 3. The premixed combustion gas burner of claim 1, wherein a cooling water tube is
disposed to penetrate the fire holes through fitting holes formed on a lateral surface of the
tube-shaped burner and fitting holes formed on the pin-structure formed on the bottom of the
plate-shaped burner, in correspondence to the fitting holes of the tube-shaped burner.